FORM PTO-1449	ATTY. DOCK... NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	238/186	09/374,702
	APPLICANT: Peter B. Dervan et al.	
(Use several sheets if necessary)	FILING DATE: August 12, 1999	GROUP: ~~1634~~ 1631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
AM	AA	4,795,700	1/3/89	Dervan et al.	435	5	1/25/85
	AB	5,539,083	7/23/96	Cook et al.	530	333	2/23/94
	AC	5,563,250	10/8/96	Hylarides et al.	536	4.1	
	AD	5,578,444	11/26/96	Edwards et al.	435	6	12/20/93
	AE	5,693,463	12/2/97	Edwards et al.	435	6	12/23/92
	AF	5,726,014	3/10/98	Edwards et al.	435	6	9/17/93
	AG	5,738,990	4/14/98	Edwards et al.	435	6	6/7/95
	AH	5,801,155	9/1/98	Kutyavin et al.	514	44	4/3/95

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
AM	AI	0 246 868 A1	25.11.87	EP (Farmitalia Carlo Erba)				
	AJ	0 388 948 A1	26.09.90	EP (Farmitalia Carlo Erba)				
	AK	92/14707	03.09.92	WO/PCT (Menarini Ind.)				
	AL	92/13838	20.08.92	WO/PCT (Synphar Lab.)				
	AM	92/09574	11.06.92	WO/PCT (Menarini Ind.)				
	AN	93/00446	07.01.93	WO/PCT (Genelabs)				
	AO	2 261 661 A	26.05.93	UK (Farmitalia Carlo Erba)				
	AP	94/03434	17.02.94	WO/PCT (Res. Corp. Tech.)				
	AQ	94/14980	07.07.94	WO/PCT (Genelabs)				
	AR	94/20463	15.09.94	WO/PCT (Menarini Ind.)				
	AS	94/25436	10.11.94	WO/PCT (Menarini Ind.)				
	AT	95/04732	16.02.95	WO/PCT (Synphar Lab.)				
	AU	43 31 012 A1	16.03.95	DE (Bayer)				
	AV	96/05196	22.02.96	WO/PCT (Pharmacia S.P.A.)				
	AW	96/32496	17.10.96	WO/PCT (Microprobe)				
	AX	97/30975	28.08.97	WO/PCT (Dervan et al.)				

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AM	AY	Abu-Daya et al., "DNA sequence preferences of several AT-selective minor groove binding ligands," Nucleic Acids Research 23:3385-3392 (1995)

EXAMINER: Andrew Marschel	DATE CONSIDERED: 6-13-00

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AM	AZ	Abu-Daya et al., "Interaction of minor groove binding ligands with long AT tracts," Nucleic Acids Research 25:4962-4969 (1997)
	BA	Aleman et al., "Toward an Understanding of the Drug-DNA Recognition Mechanism. Hydrogen-Bond Strength in Netropsin-DNA Complexes," J. Phys. Chem. 100:11480-11487 (1996)
	BB	Al-Said et al., "A convenient synthesis of cross-linked homodimeric bis-lexitropsins," Synth. Commun. 25(7):1059-1070 (1995)
	BC	Al-Said et al., "Synthesis of novel cross-linked bis-lexitropsins," Tetrahedron Lett. 35(41):7577-7580 (1994)
	BD	Andronikashvili et al., "Spectral Manifestations of the Action of Zn^{2+} Ions on DNA Complexes with Distamycin," Biophysics 33:824-829 (1988)
	~~BE~~	~~Arcamone et al., "Distamicina A. Nota I. Isolamento e struttura dell'agente antivirale distamicina A," pp. 1097-1109 (IN SPANISH WITH ENGLISH ABSTRACT)~~
AM	BF	Arcamone et al., "Structure and synthesis of Distamycin A," Nature 203:1064-1065 (1964)
	BG	Arcamone et al., "Synthesis, DNA binding and antiviral activity of distamycin analogues containing different heterocyclic moieties," Anti-Cancer Drug Design 1:235-244 (1986)
	BH	Bailly et al., "Depsipeptide Analogs of the Antitumor Drug Distamycin Containing Thiazole Amino Acids Residues," Tetrahedron 44:5833-5843 (1988)
	BI	Bailly et al., "Design, Synthesis, DNA Binding, and Biological Activity of a Series of DNA Minor-Groove-Binding Intercalating Drugs," Journal of Pharmaceutical Sciences 78:910-917 (1989)
	BJ	Bailly et al., "Subcellular Distribution of a Nitroxide Spin-Labeled Netropsin in Living KB Cells," Biochemical Pharmacology 38:1625-1630 (1989)
	BK	Baird and Dervan, "Solid Phase Synthesis of Polyamdies Containing Imidazole and Pyrrole Amino Acids," J. Am. Chem .Soc. 118:6141-6146 (1996)
	~~BL~~	~~Baker and Dervan, "70. Sequence Specific Cleavage or Double Helical DNA. *N*-Bromoacetyldistamycin" (ABSTRACT)~~
AM	BM	Baker and Dervan, "Sequence-Specific Cleavage of DNA by *N*-Bromoacetyldistamycin. Product and Kinetic Analyses," J. Am. Chem. Soc. 111:2700-2712 (1989)
	BN	Baker and Dervan, "Sequence-Specific Cleavage of Double-Helix DNA. *N*-Bromoacetyldistamycin," J. Am. Chem. Soc. 107:8266-8268 (1985)
	BO	Baliga et al., "RecA·oligonucleotide filaments bind in the minor groove of double-stranded DNA," Proc. Natl. Acad. Sci. USA 92:10393-10397 (1995)
	BP	Beal and Dervan, "Recognition of Double Helical DNA by Alternate Strand Triple Helix Formation," J. Am. Chem. Soc. 114:4976-4982 (1992)
	BQ	Best and Dervan, "Energetics of Formation of Sixteen Triple Helical Complexes Which Vary at a Single Position within a Pyrimidine Motif," J. Am. Chem Soc. 117:1187-1193 (1995)
	BR	Bianchi et al., "Alteration of the Expression of Human Estrogen Receptor Gene by Distamycin," J. Steroid Biochem. Molec. Biol. 54:211-215 (1995)
	BS	Borodulin et al., "Interaction of Ligand of the bis-Netropsin Type with Poly(dA)·Poly(dT). Optical, Structural, and Energetic Characteristics of AT-Specific Binding," Institute of Molecular Biology, Academy of Sciences of USSR, pp. 929-934 (1987) translated from Molekulyarnaya Biologiya 20(4):1144-1149 (1986)

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AM	BT	Borodulin et al., "New Modes of Ligand Interaction with DNA: A Trimeric *bis*-Netropsin Complex with Poly(dA-dT)," Molecular Biology 30:661-665 (1996)
	BU	Botella and Nieto, "The C-terminal DNA-binding domain of *Chironomus* BR gene products shows preferentially affinity for (dA·dT)-rich sequences," Mol Gen Genet 251:422-427 (1996)
	BV	Brabec and Balcarova, "459 - The Effect of Netropsin on the Electrochemical Oxidation of DNA at a Graphite Electrode," Bioelectrochemistry & Bioenergetics 9:245-252 (1982)
	~~BW~~	~~Braun et al., "Stereoselective Aldol Reactions with (R)- and (S)-2-Hydroxy-1,2,2-triphyenylethyl Acetate ("HYTRA")" (Abstract)~~
	~~BX~~	~~Broeker et al., "The Mixed Lineage Leukemia (MLL) Protein Involved in 11q23 Translocations Contains a Domain that Binds Cruciform DNA and Scaffold Attachment Region (SAR) DNA," pp. 259-268~~
AM	BY	Broggini et al., "Modulations of transcription factor-DNA interactions by anticancer drugs," Anti-Cancer Drug Design 9:373-387 (1994)
	BZ	Bruice et al., "Rational design of substituted tripyrrole peptides that complex with DNA by both selective minor-groove binding and electrostatic interaction with the phosphate backbone," Proc. Natl. Acad. Sci. USA 89:1700-1704 (1992)
	CA	Bruzik et al., "Specific Activation of Transcription Initiation by the Sequence-Specific DNA-Binding Agents Distamycin A and Netropsin," Biochemistry 26:950-956 (1987)
	CB	Burckhardt et al., "Reversal of the Z- to B-Conformation of Poly(dA-dT)·Poly(dA-dT) Induced by Netropsin and Distamycin A," Journal of Biomolecular Structure & Dynamics 13:671-676 (1996)
	CC	Burckhardt et al., "Two Binding Modes of Netropsin are Involved in the Complex Formation with Poly(dA-dT)·Poly(dA-dT) and other Alternating DNA Duplex Polymers," Journal of Biomolecular Structure and Dynamics 2:721-736 (1985)
	CD	Burckhardt et al., "Variation of DNA sequence specificity of DNA-oligopeptide binding ligands related to netropsin: imidazole-containing lexitropsins," Biochimica et Biophysica Acta 1009:11-18 (1989)
	CE	Burridge et al., "Electrostatic potential and binding of drugs to the minor groove of DNA," 5(3):165-166 (September 1987)
	CF	Cartwright et al., "Cleavage of chromatin with methidiumpropyl-EDTA·iron(II)," Proc. Natl. Acad. Sci. USA 80:3213-3217 (1983)
	CG	Chai and Alonso, "Distamycin-induced inhibition of formation of a nucleoprotein complex between the terminase small subunit of G1P and the non-encapsidated end (pacL site) of *Bacillus subtilis* bacteriophage SPP1," Nucleic Acids Research 24:282-288 (1996)
	CH	Chaloupka and Kucerova, "Netropsin increases formation of mRNA coding for a neutral metalloproteinase in *Bacillus megaterium*," J. Basic Microbiol. 28:11-16 (1988)
	CI	Chandra et al., "Some Structural Requirements for the Antibiotic Action of Distamycins," FEBS Letters 16:249-252 (1971)
	CJ	Chang et al., "On the importance of van der Waals interaction in the groove binding of DNA with ligands: restrained molecular dynamics study," International Journal of Biological Macromolecules 19:279-285 (1996)

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AM	CK	Chen et al., "Design of Distamicin Analogues to Probe the Physical Origin of the Antiparallel Side by Side Oligopeptide Binding Motif in DNA Minor Groove Recognition," Biochemical and Biophysical Research Communications 220:213-218 (1996)
	CL	Chen et al., "Only one of the two DNA-bound orientations of AP-1 found in solution cooperates with NFATp," Current Biology 5:882-889 (1995)
	CM	Chen et al., "Optimization of Cross-Linked Lexitropsins," Journal of Biomolecular Structure & Dynamics 14:341-355 (1996)
	CN	Chen et al., "Design and synthesis of sequence-specific DNA minor groove recognizing ligands of the cross-linked lexitropsin class," Heterocycles 41(8):1691-1707 (1995)
	CO	Chen et al., "DNA minor groove binding of cross-linked lexitropsins: Experimental conditions required to observe the covalently linked WPPW (Groove wall peptide-peptide-groove wall)motif," Biophys. J. 68(5):2041-2048 (1995)
	CP	Chen et al., "A new DNA minor groove binding motif: Cross-linked lexitropsins," J. Am. Chem. Soc. 116(16):6995-7005 (1994)
	CQ	Chen, "Design, synthesis and evaluation of novel bismustard cross-linked lexitropsins," Bioorg. Med. Chem. Lett. 5(19):2223-2228 (1995)
	CR	Chiang et al., "Effect of DNA-binding Drugs on Early Growth Response Factor-I and TATA Box-binding Protein Complex Formation with the Herpes Simplex Virus Latency Promoter," J. Biol. Chem. 271:23999-24004 (1996)
	CS	Cho et al., "Cyclic polyamides for recognition in the minor groove of DNA," Proc. Natl. Acad. Sci. USA 92:10389-10392 (1995)
	CT	Colocci and Dervan, "Cooperative Binding of 8-mer Oligonucleotides Containing 5-(1-Propynyl)-2'-deoxyuridine to Adjacent DNA Sites by Triple-Helix Formation," J. Am. Chem. Soc. 116:785-786 (1994)
	CU	Colocci and Dervan, "Cooperative Triple-Helix Formation at Adjacent DNA Sites: Sequence Composition Dependence at the Junction," J. Am. Chem. Soc. 117:4781-4787 (1995)
	CV	Colocci et al., "Cooperative Oligonucleotide-Directed Triple Helix Formation at Adjacent DNA Sites," J. Am. Chem.Soc. 115:4468-4473 (1993)
	CW	Colson et al., "Electric linear dichroism as a new tool to study sequence preference in drug binding to DNA," Biophysical Chemistry 58:125-140 (1996)
	CX	Dasgupta et al., "DNA-Binding Characteristics of a Synthetic Analogue of Distamycin," Biochemical and Biophysical Research Communications 140:626-631 (1986)
	CY	Dasgupta et al., "Interaction of Synthetic Analogues of Distamycin with Poly(dA-dT): Role of the Conjugated *N*-Methylpyrrole System," Biochemistry 26:6381-6386 (1987)
	CZ	Debart et al., "Synthesis, DNA Binding, and Biological Evaluation of Synthetic Precursors and Novel Analogues of Netropsin," J. Med. Chem. 32:1074-1083 (1989)
	~~DA~~	~~Dervan and Baker, "Design of Sequence-Specific DNA Cleaving Molecules," Annals of the New York Academy of Sciences pp. 51-59~~
AM	DB	Dervan, "113. A Chemical Approach to the Single Site Cleavage of Human Chromosomes," Abstracts, Division of Biological Chemistry 31:2209 (1992)
	~~DC~~	~~Dervan, "117. A Chemical Approach to the Single Site Cleavage of Human Chromosomes" (ABSTRACTS)~~
	~~DD~~	~~Dervan, "122. Design of Sequence Specific DNA Binding Molecules" (ABSTRACT)~~

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	~~DE~~	~~Dervan, "7. Design of Sequence Specific DNA Cleaving Molecules" (ABSTRACT)~~
	DF	~~Dervan, "83. Design of Sequence Specific DNA Cleaving Molecules" (ABSTRACT)~~
	DG	~~Dervan, "83. Synthetic Sequence Specific DNA Binding Molecules" (ABSTRACT)~~
AM	DH	Dervan, "83. Synthetic Sequence Specific DNA Binding Molecules," Abstracts, Division of Biological Chemistry 26:4171 (1987)
	DI	Dervan, "Design of Sequence-Specific DNA-Binding Molecules," Science 232:464-471 (1986)
	DJ	Dervan, "Reagents for the site-specific cleavage of megabase DNA," Nature 359:87-88 (1992)
	DK	Di Marco et al., "Experimental Studies on Distamycin A -- A New Antibiotic with Cytotoxic Activity," Cancer Chemotherapy Reports 18:15-19 (1962)
	DL	Di Marco et al., "Selective Inhibition of the Multiplication of Phage T1 in *E. coli* K12," Experientia 19:134-136 (1963)
	DM	~~Di Marco et al., "The Antimitotic Activity of Antibiotic Distamycin A," pp. 423-426~~
AM	DN	Di Pietro et al., "*N*-Formimidoyl analogues of distamycin," J. Chem. Soc., Perkin Trans. 1, pp. 1333-1335 (1996)
	DO	D'Incalci et al., "Studies on the Mode of Action of FCE 24517, a New Distamycin A Derivative," Proceedings of AACR 29:329 at abstract no. 1310 (1988)
	DP	Ding et al., "The preparation of partially protected 3-amino-1-methylpyrazole-5-carboxylic acids to be used as intermediates in the synthesis of analogs of distamycin-A," Acta Chemica Scandivavica 44(1):75-81 (1990)
	DQ	Ding et al., "Synthesis and antiviral activity of three pyrazole analogues of distamycin A," Acta Chemica Scandinavica 48:498-505 (1994)
	DR	Distefano and Dervan, "Energetics of cooperative binding olgionucleotides with discrete dimerization domains to DNA by triple helix formation," Proc. Natl. Acad. Sci. USA 90:1179-1183 (1993)
	DS	Distefano and Dervan, "Ligand-Promoted Dimerization of Oligonucleotides Binding Cooperatively to DNA," J. Am. Chem. Soc. 114:11006-11007 (1992)
	DT	Dorn et al., "Dystamycin- induced inhibitor of homeodomain DNA complexes," EMBO Journal 11:279-286 (1992)
	DU	Dreyer and Dervan, "Sequence-specific cleavage of single-stranded DNA: Oligonucleotide-EDTA·Fe(II)," Proc. Natl. Acad. Sci. USA 82:968-972 (1985)
	DV	Dunner et al., "Enhancement of a Fra(16)(q22) with Distamycin A: A Family Ascertained Through an Abnormal Proposita," American Journal of Medical Genetics 16:277-284 (1983)
	DW	Durand and Maurizot, "Distamycin A Complexation with a Nucleic Acid Triple Helix," Biochemistry 35:9133-9139 (1986)
	DX	Dwyer et al., "Structrual Analysis of Covalent Peptide Dimers, Bis(pyridine-2-carboxamidonetropsin)$(CH_2)_{3-6}$, in Complex with 5'-TGACT-3' Sites by Two-Dimensional NMR," J. Am. Chem. Soc. 115:9900-9906 (1993)
	DY	Eliadis et al., "The Synthesis and DNA Footprinting of Acridine-linked Netropsin and Distamycin Bifunctional Mixed Ligands," J. Chem. Soc. Chem. Commun. 1049-1052 (1988)
	DZ	Feng et al., "Hin recombinase bound to DNA: The origin of specificity in major and minor groove interactions," Science 236:348-355 (1994)

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JM	EA	Feng et al., "Crystallization and preliminary X-ray analysis of the DNA binding domain of the Hin recombinase with its DNA binding site," J. Mol. Biol. 232:982-986 (1993)
	EB	Fesen and Pommier, "Topoisomerase Inhibition by Anticancer Drugs is Antagonized by Distamycin," Proceedings of AACR 29:276 at abstract no. 1095 (1988)
	EC	Filipowsky et al., "Linked lexitropsins and the in vitro inhibition of HIV-1 reverse transcriptase RNA-directed DNA polymerization: A novel induced-fit of 3,5 m-pyridyl bisdistamycin to enzyme-associated template primer," Biochemistry 35(48)15397-15410 (1996)
	ED	Fish et al., "Determination of Equilibrium Binding Affinity of Distamycin and Netropsin to the Synthetic Deoxyolignucleotide Sequence $d(GGTATACC)_2$ by Quantitative DNase 1 Footprinting," Biochemistry 27:6026-6032 (1988)
	EE	Fox and Waring, "DNA structural variations produced by actinomycin and distamycin as revealed by DNAse I footprinting," Nucleic Acids Research 12:9271-9285 (1984)
	EF	Fransson et al., "High-performance liquid chromatography of distamycin A and its primary decomposition products as well as some synthetic analogues," Journal of Chromatography 268:347-351 (1983)
	~~EG~~	~~Fregeau et al., "Characterization of a CPI-lexitropsin conjugate-oligonucleotide covalent complex by 1H NMR and restrained molecular dynamics simulations," J. Am. Chem. Soc. 117(35):8917-8925~~
JM	EH	Frigerio et al., "Determination of FCE 26644, a new polysulphonated derivative of distamycin A, in monkey plasma by reversed-phase ion-pair high-performance liquid chromatography with ultraviolet detection," Journal of Chromatography A 729:237-242 (1996)
	~~EI~~	~~Gao et al., "Comparative NMR Studies of Oligo-N-Methylpyrrolecarboxamide d[CGAAATTTCG] Complexes" (ABSTRACT)~~
JM	EJ	Geierstanger et al., "Design of a G·C - Specific DNA Minor Groove-Binding Peptide," Science 266:646-650 (1994)
	EK	Geierstanger et al., "Extending the recognition site of designed minor groove binding molecules," Nature Structural Biology 3:321-324 (1996)
	EL	Geierstanger et al., "Structural and Dynamic Characterization of the Heterodimeric and Homodimeric Complexes of Distamycin and 1-Methylimidazole-2-carboxamide-Netropsin Bound to the Minor Groove of DNA," Biochemistry 33:3055-3062 (1994)
	EM	Geierstanger, Bernhard Hubert, , PhD Thesis entitled NMR Studies of Peptides, Distamycin and its Analogs Bound to the Minor Groove of DNA, University of California, Berkeley (1994)
	EN	Genelabs, PCR Newswire - "Genelabs Receives Seven Patent Allowances for Its DNA-Binding Technology" (1987 - exact date unknown)
	EO	Germann et al., "Relative Stability of Parallel- and Antiparallel-Stranded Duplex DNA," Biochemistry 27:8302-8306 (1988)
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	EQ	Goodsell et al., "Structure of dicationic monoimidazole lexitropsin bound to DNA," Biochemistry 34(51):16654-16661 (1995)
	ER	Greenberg et al., "Energetics of Formation of Sixteen Triple Helical Complexes Which Vary at a Single Position within a Purine Motif," J. Am. Chem. Soc. 117:5016-5022 (1995)

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AM	ES	Grehn et al. "Synthesis and Antiviral Activity of Distamycin A Analogues: Substitutions on the Different Pyrrole Nitrogens and in the Amidine Function," J. Med. Chem. 26:1042-1049 (1983)
	ET	Grehn et al., "A convenient method for the preparation of 1% Tert-butyloxycarbonyl <Pyrroles," Angewandte Chemie International Edition in English v23(4)296 (1984)
	EU	Grehn et al., "Novel efficient total synthesis of antiviral antibiotic distamycin A," Journal of Organic Chemistry 46:3492-3497 (1981)
	EV	Grehn et al., "Removal of formyl, acetyl, and benzoyl groups from amides with conversion into the corresponding tert-butyl carbamates," Journal of the Chemical Society Chemical Communications 19(2):1317-1318 (1985)
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	EY	~~Griffin and Dervan, "207. Sequence Specific Recognition of DNA by Chiral (Bis(Netropsin)s" (ABSTRACT)~~
	EZ	~~Griffin and Dervan, "98. Designed, Synthetic, Metalloregulatory DNA Binding Molecules" (ABSTRACT)~~
AM	FA	Griffin and Dervan, "Recognition of Thymine·Adenine Base Pairs by Guanine in a Pyrimidine Triple Helix Motif," Science 245:967-971 (1989)
AM	FB	Griffin and Dervan, "Sequence-Specific Chiral Recognition of Right-Handed Double-Helical DNA by (2S,3S)- and (2R,3R)-Dihydroxybis(netropsin)succinamide," J. Am. Soc. Chem. 108:5008-5009 (1986)
	FC	~~Griffin, Dreyer and Dervan, "68. Sequence Specific Cleavage of Single Stranded DNA: Oligodeoxynucleotide-EDTA-FE(II)" (Abstract)~~
AM	FD	Griffin, John Hampton, PhD Thesis entitled Structure-, Stereochemistry-, and Metal-Regulated DNA Binding/Cleaving Molecules, California Institute of Technology, Pasadena, California (Submitted July 11, 1989)
	FE	Grygon and Spiro, "Ultraviolet Resonance Raman Spectroscopy of Distamycin Complexes with Poly(dA)-(dT) and Poly(dA-dT): Role of H-Bonding," Biochemistry 28:4397-4402 (1989)
	FF	Guo et al., "DNA sequence-selective binding of head-to-tail linked bis-lexitropsins: relation of phasing to cytotoxic potency," Anti-Cancer Drug Des. 8(5):369-397 (1993)
	FG	Gupta et al., "Design, synthesis and topoisomerase II inhibition activity of 4'-demethylepipodo-phyllotoxin-lexitropsin conjugates," Anti-Cancer Drug Design 11:325-338 (1996)
	FH	Gupta et al., "Novel DNA-directed alkylating agents consisting of naphthalimide, nitrogen mustard and lexitropsin moieties: synthesis, DNA sequence specificity and biological evaluation," Anti-Cancer Drug Des. 11:581-596 (1996)
	FI	Gupta et al., "Hybrid molecules containing propargylic sulfones and DNA minor groove-binding lexitropsins: Synthesis, sequences specificity of reaction with DNA and biological evaluation," Gene 149(1):81-90 (1994)

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EXAMINER: Ardin Marschel	DATE CONSIDERED: 6-13-00

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FORM PTO-1449	ATTY. DOCK. NO. 238/186	SERIAL NO. 09/374,702
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT: Peter B. Dervan et al.	
(Use several sheets if necessary)	FILING DATE: August 12, 1999	GROUP: 1634

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EXAMINER: Judith Mansfield	DATE CONSIDERED: 6-13-00

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EXAMINER: Andi Mandy	DATE CONSIDERED: 6-13-00

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EXAMINER: Andrew Wasserman	DATE CONSIDERED: 6-13-00

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AM	KD	Schulz and Dervan, "Sequence-Specific Double-Strand Cleavage of DNA by Bis(EDTA-distamycin-Fe^{II}) and EDTA-Bis(distamycin)·Fe^{II}," J. Am. Chem. Soc. 105:7748-7750 (1983)
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	KF	Shabtai et al., "Familial fragile site found at the cancer breakpoint (1)(q32): Inducibility by distamycin A, concomitance with gragile (16)(q22)," Hum Genet 73:232-234 (1986)
	KG	Shabtai et al., "Familial Fragility on Chromosome 16 (Fra 16q22) Enhanced by Both Interferon and Distamycin A," Hum Genet 63:341-344 (1983)
	KH	~~Shin, Sluka, Horvath, Simon and Dervan, "99. Synthetic DNA-Cleaving Proteins" (ABSTRACT)~~

EXAMINER: Adam Marschel	DATE CONSIDERED: 6-13-00

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FORM PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	238/186	09/374,702
(Use several sheets if necessary)	APPLICANT: Peter B. Dervan et al.	
	FILING DATE: August 12, 1999	GROUP: 1634

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
AM	KI	Shishido et al., "Enhancement of S1 Nuclease-Susceptibility of Negatively Superhelical DNA by Netropsin," Biochemical & Biophysical Research Communications 124:388-392 (1984)
	KJ	Sidorova et al., "Competition between Netropsin and Restriction Nuclease EcoRI for DNA Binding," J. Biomolecular Structure & Dynamics 13(2):367-385 (1995)
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	KV	Staubli and Dervan, "Sequence specificity of the non-natural pyrido[2,3-*d*]pyrimidine nucleoside in triple helix formation," Nucleic Acids Research 22:2637-2642 (1994)
	KW	Stilz and Dervan, "Specific Recognition of CG Base Pairs by 2-Deoxynebularine within the Purine·Purine·Pyrimidine Triple-Helix Motif," Biochemistry 32:2177-2185 (1993)
	KX	Strobel and Dervan, "Cooperative Site Specific Binding of Oligonucleotides to Duplex DNA," J. Am. Chem. Soc. 111:7286-7287 (1989)
	KY	Strobel and Dervan, "Triple Helix-Mediated Single-Site Enzymatic Cleavage of Megabase Genomic DNA," Methods in Enzymology 216:309-321 (1992)
	KZ	Surovaya et al., "Construction of Peptide β-Hairpins Recognizing DNA Sequences," Molecular Biology 30:818-825 (1996)

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	LB	Takahashi et al., "82. Distamycin A-Induced Fragility on Chromosome 16, Fra(16)(q22), in a Japanese Population," Proc. Japan Acad. 61(B):299-302 (1985)
	LC	Takahashi et al., "A new rare distamycin A-inducible fragile site, fra(11)(p15.1), found in two acute nonlymphocytic leukemia (ANLL) patients with t(7;11)(p15-p13;p15)," Hum Genet 80:124-126 (1988)
	LD	Taylor et al., "DNA Affinity Cleaving - Sequence Specific Cleavage of DNA by Distamycin-EDTA·Fe(II) and EDTA-Distamycin·Fe(II)," Tetrahedron 40:457-465 (1984)
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	LF	Tor and Dervan, "Site-Specific Enzymatic Incorporation of an Unnatural Base, N^6-(6-Aminohexyl)isoguanosine, into RNA," J. Am. Chem. Soc. 115:4461-4467 (1993)
	LG	Trauger et al., "Recognition of DNA by designed ligands at subnanomolar concentrations," Nature 382:559-561 (1996)
	LH	Turner et al., "The mutagenic properties of DNA minor-groove binding ligands," Mutation Research 355:141-169 (1996)
	LI	Uchida et al., "High resolution footprinting of *Eco*RI and distamycin with $Rh(phi)_2(bpy)^{3+}$, a new photofootprinting reagent," Nucleic Acids Research 17:10259-10279 (1989)
	LJ	Van Dyke and Dervan, "Chromoycin, Mithramycin, and Olivomycin Binding Sites on Heterogeneous Deoxyribonucleic Acid. Footprinting with (Methidiumpropyl-EDTA) iron (II)," Biochemistry 22:2373-2377 (1983)
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	LN	Van Dyke et al., "Map of distamycin, netropsin, and actinomycin binding sites on heterogeneous DNA: DNA cleavage-inhibition patterns with methidiumpropyl-EDTA·Fe(II)," Proc. Natl. Acad. Sci. USA 79:5470-5474 (1982)
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		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
	LS	~~Wade et al., "Recognition of G,C Base Pairs in the Minor Groove of DNA" (Abstract)~~
	LT	~~Wade, thesis entitled Sequence specific complexation of BDNA at cites containing G, C base pairs," California Institute of Technology, Pasadena, California Submitted 2/2/89~~
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	LX	Wang et al., "Convenient synthesis of pyrroloiminoquinone and its lexitropsin-linked derivative," Tetrahedron Lett. 35(24):4085-4086 (1994)
	LY	Ward et al., "Determination of Netropsin-DNA Binding Constants from Footprinting Data," Biochemistry 27:1198-1205 (1988)
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	MA	Wemmer et al., Abstracts of the American Chemical Society 208 Part 2:9 (1994)
	MB	Wiederholt et al., "DNA-Tethered Hoechst Groove-Binding Agents: Duplex Stabilization and Fluorescence Characteristics," J. Amer. Chem. Soc. 118:7055-7062 (1996)
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	ME	Wong and Bateman, "TBP-DNA interactions in the minor groove discriminate between A:T and T:A base pairs," Nucleic Acids Research 22:1890-51896 (1994)
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	MG	Xie et al., "Synthesis and DNA cleaving properties of hybrid molecules containing propargylic sulfones and minor groove binding lexitropsins," Bioorg. Med. Chem. Lett. 3(8):1565-1570 (1993)
	MH	Yamamoto et al., "Synthesis and DNA Binding Properties of Amide Bond-Modified Analogues Related to Distamycin," Tetrahedron Letters 37:7801-7804 (1996)
	MI	Yang et al., "Studies on Cooperative Binding of an Extended Distamycin A Analogue in the Minor Groove of DNA by NMR Spectroscopy," Biochemical and Biophysical Research Communications 222:764-769 (1996)
	MJ	Youngquist and Dervan, "Sequence-specific recognition of B-DNA by oligo(*N*-methylpyrrolecarboxamide)s," Proc. Natl. Acad. Sci. USA 82:2565-2569 (1985)
✓	MK	Youngquist and Dervan, "Sequence-specific recognition of B-DNA by Bis(EDTA-distamycin)fumaramide," J. Am. Chem. Soc. 107:5528-5529 (1985)

EXAMINER: Robin Marschke	DATE CONSIDERED: 6-13-00

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AM	ML	Zakrzewska and Pullman, "Theoretical Study of the Sequence Selectivity of Isolexins, Isohelical DNA Groove Binding Ligands. Proposal for the GC Minor Groove Specific Compounds," Journal of Biomolecular Structure & Development 5(5):1043-1058 (1988)
	MM	Zakrzewska et al., "Drug Recognition of DNA. Proposal for GC Minor Groove Specific Ligands: Vinylexins," Journal of Biomolecular Structure & Development 6(2):331-344 (1988)
	MN	Zasedatelev et al., "Mono-, di- and trimeric binding of a bis-netropsin to DNA," FEBS Letters 375:304-306 (1995)
	MO	Zimmer and Wahnert, "Nonintercalating DNA-Binding Ligands: Specificity of the Interaction and Their Use as Tools in Biophysical, Biochemical and Biological Investigations of the Genetic Material," Prog. Biophys. molec.Biol. 47:31-112 (1986)
	MP	Zimmer et al., "Binding of Analogues of the Antibiotics Distamycin A and Netropsin to Native DNA," Eur. J. Biochem. 26:81-89 (1972)
	MQ	Zimmer et al., "Chain Length-Dependent Association of Distamycin-Type Oligopeptides with A·T and G·C Pairs in Polydeoxynucleotide Duplexes," Biochimica et Biophysica Acta 741:15-22 (1983)
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AM	MT	Zimmer et al., "Z-DNA and other non-B-DNA structures are reversed to B-DNA by interaction with netropsin," FEBS Letters 154:156-160 (1983)

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